

present invention. As previously indicated, each transmitted sub-tree, such as the sub-tree 225, will include one or more content nodes and at least one structure node indicating how the sub-tree is positioned in the complete XML tree 200.--

IN THE CLAIMS:

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1. (Amended) A method of encoding XML content, comprising the steps of:
generating content nodes for transmitting content information; and
generating at least one structure node associated with said content nodes
of at least one respective sub-tree for indicating where said content nodes are positioned
as at least one respective sub-tree within a larger XML document tree.

2. (Amended) The method of claim 1, wherein said content nodes and said
structure nodes are generated in accordance with a specified pseudo-code.

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4. (Amended) The method of claim 1, wherein a text portion of said XML
content is provided in real-time by a user operating a textual input device prior to being
encoded into content nodes.

5. (Amended) The method of claim 1, wherein a text portion of said XML
content is provided in real time by a user operating a speech recognition system that
converts speech to text prior to being encoded into content nodes.

9. (Amended) The method of claim 6, wherein a text portion of the nodes of said XML document is generated in real-time by a user operating a textual input device.

A7 10. (Amended) The method of claim 6, wherein a text portion of the nodes of said XML document is generated in real-time by a speech recognition system that converts input speech to text.

A8 15. (Amended) The method of claim 11, wherein a text portion of said XML content is generated in real time by user-operating a textual input device.

A9 19. (Amended) The method of claim 16, further comprising the step of continuing to process subsequent nodes even if one of said nodes is not properly received by an XML receiver, wherein each sub-tree from the XML document is parsed and validated by the XML receiver as though it were an independent tree.

23. (Amended) An XML transmitter comprising:

AD a memory for storing XML content and computer readable code; and
a processor operatively coupled to said memory, said processor configured to:
generate content nodes for transmitting content information; and
generate at least one structure node associated with at least one
respective sub-tree of said content nodes for indicating where said content nodes are
positioned in the at least one respective sub-tree within a larger XML document tree.